

## Board Annual Report Takes Top Honors at CCAE Awards

The Board of Governors' Annual Report (1985-86) was chosen as the best annual/president's report at the 1986 Canadian Council for the Advancement of Education (CCAЕ) awards ceremony. The award was presented at CCAE's annual conference which took place in Hull in mid-June.

The Report is a team effort (Public Affairs, the Board of Governors Office and Printing Services). Shirley Phillips, Designer, Public Affairs, was responsible for combining photographs and text in a readable, attractive fashion while Paul Robison, Administrative Director, Board of Governors, worked with Public Affairs writers to produce interesting and informative text. Printing Services published the 40-page document.

The award is for "best achievement in the publication of an annual report or president's report." Judges consider all aspects of the report: design, graphics, photos and editorial content.

The annual report took on a new look several years ago when it was decided that each year a specific theme would be emphasized. The 1985-86 theme dealt with areas associated with the Humanities, for example, University Collections.□

## Project Leadership Gets Off to Impressive Start

Nineteen eighty-seven seems destined to go down as a very good year in the University of Alberta's fund-raising annals. For example, the Competitive Edge Campaign (reported on elsewhere in these pages) soared over the top and the Project Leadership Annual Fund is headed in the same direction.

The phone/mail program under which the University will contact more than 80,000 alumni during the next 17 months began in early June and, as of 24 June, has attracted gifts amounting to \$166,144.

Two reasons for this success are the direction supplied by IDC (Institutional Development Council) and the polite and persuasive telephone manner of the 80 student callers. From 6 to 10 p.m. Monday through Thursday, a team of 20 students calls alumni in chronological order, by year of graduation. As luck, not to mention a good game

Prime Minister Brian Mulroney will convene a meeting of the Cabinet Committee on Priorities and Planning at the University of Alberta next week.

The 17-member committee will hold sessions in the Business Building on 9 and 10 July.

The committee meets outside Ottawa twice a year; the on-campus meeting marks the first time that the body has conducted its business at a university.

Robert Blackburn, Assistant Secretary to the Committee, says the purpose of the meeting is to review the government's agenda and establish objectives for the coming period.

The Prime Minister will arrive at the University and be greeted by President Horowitz at 8 a.m., 9 July. The Committee on Priorities and Planning, which includes Don Mazankowski (Deputy Prime Minister), Michael Wilson

(Finance), Perrin Beatty (Defence), Flora MacDonald (Communications), Pat Carney (International Trade), Jake Epp (Health and Welfare) and Benoit Bouchard (Employment and Immigration), will begin its round of discussions at 8:30 a.m.

Mulroney will host Alberta weekly newspaper editors at a luncheon at the Faculty Club and the meeting will resume at 2 p.m. and call it a day at 5 o'clock.

The hours for the 10 July meeting are 10 a.m. to 2 p.m. (a working lunch will be served), at which time a news conference will take place.

In effect, the third, fourth and fifth floors of the Business Building are government property for the two days. Occupants will be asked to use the east stairway; the use of all elevators is restricted to committee members (physically handicapped persons can use the elevators but they will be escorted

to their destination).

Doug Burns (Ceremonies and Protocol) says there will be a modicum of disruption in and around the Business Building. A portion of E lot has been reserved for government vehicles.

The Office of Research Services has invited committee members to tour various research facilities and hold discussions with researchers. As *Folio* was going to press, however, it was not known whether such tours would be arranged.□

## 'Running Wounded' Raise Money for Physically Disabled

Twenty University runners raised \$1,800 for programs and power mobility aids for the physically disabled at the Labatt's Lite/Sport Chek 24 Hour Relay held in Coronation Park, 19 and 20 June.

Recruited and organized by team captain Judy Pollari (Campus Recreation), the squad called itself the "Running Wounded." Fortunately, it didn't live up to its nickname as it ran 317 km and placed first among the 19 participating teams.□

# FOLIO

University of Alberta

2 July 1987

## Mulroney, Colleagues Meeting Here Next Week



Karen Hauck notes another pledge

plan and hard work would have it, the evening of 24 June was eventful. President Horowitz, no stranger to the art of selling, stopped by the Athabasca Annex and pointed out to the student callers that "For that brief time when you speak to an alumnus/alumna, you are the University."

Fifty-eight pledges (31 multi-year gifts, 27 one-time gifts) totalling

\$23,000 were accepted. (Alumni have complete flexibility in deciding what they want their donation to accomplish, but the Project Leadership program encourages undesignated gifts for endowment, which allow the greatest flexibility in meeting the University's most pressing needs, and provide opportunities for double matching by the provincial government.)□

## Contents

- 'Investors in the Future' lauded
- Kaplan at Convocation
- Medicine's Cameroon project
- Meteorology graduates conquer difficult course



## Faculty of Business Highly Appreciative of Corporate Donors

The Competitive Edge Campaign has run its course and what a run it was. The target of \$3.55 million was a modest one as it turned out; donations gathered during the one-year campaign have climbed to the \$6 million mark. (While the campaign has concluded officially, contacts established during the year are being pursued).

Some 200 people, most of them from the business community, waited at the finish line on 16 June. In the company of Advanced Education Minister Dave Russell, Faculty of Business Dean Roger Smith, Campaign Chairman Sandy Pearson and President Myer Horowitz, they learned that, with matching support by the provincial

government, the Faculty has an endowment pool of \$16 million.

The funding will support 12 Chairs (professorships), five faculty fellowships, 10 doctoral fellowships and the work of such research institutes as the Management Advisory Institute and the Human Resources Management Research Centre.

Mike Gibbins, former Director of the Centre for the Advancement of Professional Accounting Education, has been appointed to the Winspear Chair, and the Faculty of Business has launched an international recruiting drive to fill the other Chairs.

An unveiling ceremony in the atrium level paid tribute to the following donors (titles of chairs in

parentheses):

- Francis Winspear (Winspear Foundation Distinguished Chair in Professional Accounting)
- Stephen Jarislowsky (Stephen A. Jarislowsky Distinguished Chair in Finance)
- Donald Cormie (The Principal Group Distinguished Chair in Business and The Principal Group Faculty Fellowship)
- Hal Neldner and Harry Hobbs (AGT Chair in Business)
- Ronald Banister (Ronald K. Banister Chair in Business)
- Fred Fenwick (Carthy Foundation Chair in Business)
- David Steeves (Certified General Accountants of Alberta Chair in Accountancy)
- A.F. (Chip) Collins (The A.F. (Chip) Collins Chair in Finance).
- Eldon Foote (The Eldon D. Foote Visiting Chair in International Business/Law)
- William A. Graham, Ruth Sommer, Marjorie E. Cawker (Thornton A. Graham Chair in Business)
- Peter Pocklington (The Peter H. Pocklington Chair in Private

Enterprise)

- William Gatenby (The Texaco Canada Chair in Business)
- Harold Irwin (Deloitte Haskins & Sells - Support of the Office of Placement Services)
- J. Sanders Pearson, Gerald E. Pearson (The Hugh E. Pearson Faculty Fellowship)
- G.R.A. Rice (Dr. G.R.A. Rice Faculty Fellowship)
- David Kitchen (The Royal Bank of Canada International Business Faculty Fellowship and the Royal Bank Visiting Professorship)
- William Newbigging (Southam's Edmonton Journal Faculty Fellowship)
- William Stephen (Accounting Education Foundation of Alberta - Support of the Centre for the Advancement of Professional Accounting Education)

The Competitive Edge Campaign attracted the support of faculty, alumni, business, government and friends. Just into a new academic year, the Faculty of Business eagerly takes up the challenge of seeing that the return on the donors' investment is substan. □

## Cheques for Prudential, Sun Life Claims in Good Hands in Assiniboia Hall

Cheques for Prudential and Sun Life claims are available from Pension and Benefits Administration, 302 Assiniboia Hall. Office hours are 8 a.m. to noon and 1 to 4 p.m., Monday through Friday.

Cheques may be picked up by individual staff members. If a cheque is to be picked up by someone else, the staff member must write and sign a letter of authorization naming the person designated to pick up the cheque. That person must then sign the letter in the Pension and Benefits Administration office and present identification before the cheque will be released.

The other course of action is for the staff member to call 432-4555. If the cheque is in the Pension and Benefits Administration office, it will be sent to the claimant via campus mail.

As Pension and Benefits Administration has a courier to the Prudential and Sun Life offices, University staff can continue to submit claims.

These measures will be in effect until the postal strike ends. Please note, however, that any claims assigned to dentists will be the dentists' responsibility. Pension and Benefits Administration staff have no plans to pick up or deliver cheques to dentists. □

## Special Projects Fund Makes More Friends

A total of \$47,551.11 was recently allocated by the University/Community Special Projects Fund to 15 projects that will now begin, or continue to take shape. Allocations include:

- Approximately \$8,876 for "Costume Research Microforms" goes to the Prairie Costume Society at the Musee Heritage Museum in St. Albert.
- \$6,500 for a 75th Anniversary commemorative art purchase benefits the Faculty of Extension's project.

- For continuing education of rural Alberta pharmacists, the Faculty of Pharmacy and Pharmaceutical Sciences will receive \$5,000.
- To assist the "Poison Prevention Program", the Medical Students' Association receives \$4,000.
- The Friends of the University of Alberta Museums will net \$4,185 for a project called "The Works - Human Image II".
- \$4,000 will go to the Department of Clothing and Textiles for the acquisition of a Yugoslavian costume collection. □

## FOLIO

Volume Twenty-five  
Number One

Office of Public Affairs  
423 Athabasca Hall  
University of Alberta  
Edmonton, Alberta T6G 2E8  
(403) 432-2325.

All enquiries and  
correspondence should be  
directed to:  
Ron Thomas  
Editor

Public Affairs produces *Folio*  
on a regular basis for the  
staff and other interested  
persons.



University  
of  
Alberta

### Deadlines:

**Notices of coming events:** 9 a.m. three weeks in advance of desired publication date.  
**Classified advertisements:** 3 p.m. one week in advance of desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.  
**Display advertisements:** 3 p.m. one week in advance of desired publication date. Contact Public Affairs for sizes, rates and other particulars.

The editor reserves the right to select, edit and position submitted copy. Views expressed in *Folio* do not necessarily reflect University policy.

*Folio* contents may be reprinted w. acknowledgment.

ISSN 0015-5764  
Copyright 1987

---

# Healthy Golden Goose of Science a *Rara Avis*

J. Jordin Kaplan, Vice-President (Research), gave the following address at Spring Convocation (3 June).

A decade ago, I gave my first convocation address, that one at Concordia University in Montreal. My title then was "The Chase of the Wild Goose of Science—Where are the Golden Eggs?" Since I am to leave my administrative position in a few weeks and today's is to be my last speech at convocation, I have naturally entitled it "The Song of the Swan." But before singing the swan's song, let me tell you about the wild goose and the golden eggs.

The point of my first convocation speech was that Canada's prosperity—and indeed its very survival—in the new era of advanced technology depended on the fundamental research and scholarship that goes on in our universities. This is a refrain that my colleagues and I have been chanting since 1969—that is, one year after the accession of our fellow intellectual, Pierre Elliott

Leau, to the Office of the Prime Minister. Already in 1969, it was evident that university research was of little interest to that government; in 1970, we initiated the first lobbying on behalf of the federal granting agencies that support our scientists and scholars since we perceived that university research was likely to become the victim of what might be termed malignant neglect.

My speech pointed out that the essential condition for harvesting golden eggs, that is the marketable fruits of research, is to have a healthy goose to lay them, rather than an emaciated fowl preoccupied with where its next meal is coming from.

Let me read you a few quotations to illustrate the point:

1. "Let (the Prime Minister) use his power to create a unique climate within which a rush to excellence will begin in the field of research and development that will excite and challenge and reward our youth."
2. "In fact, if the percentage of GNP allocated to research and development were increased by 1 percent, we would create in Canada one million new jobs and \$20 billion in additional sales of manufactured products." And finally,
3. "Either we go into the game and become important players in the major league or we become a nation that will, during its entire

lifetime, play in the junior B circuit. To play with the majors we must make a firm commitment to double the public and private funds allocated to R & D before 1985. Research and development, and the resulting innovations, are the life blood of a successful economy and country."

This was then the theme of my speech at Concordia University but the words I have just quoted were not mine. No, the words in my three quotations were written by a Mr. Brian Mulroney shortly after he became the leader of the Conservative party. He was in opposition at the time, of course. I understand that he is now in power and so no doubt in a position to move toward adding that extra percentage point of GNP to research and development, to move up from the Liberals stated goal of 1.5 percent of GNP (sharply criticized then by Mr. Mulroney as being absurdly low) to 2.5 percent, to start generating that million new jobs and \$20 billion of new revenue from sale of manufactured goods. In fact, the present percentage of Canadian GNP affected to research and development has gone down to 1.3 percent, about the lowest in the industrialized world.

Well, we have been delivering our message to the Government of Canada for the last 18 years and, while the successive ministers seem to listen to us, university research and scholarship remain badly underfunded. That is why on this occasion I thought I would deliver not mine, but Mr. Mulroney's message to the federal government, to see if this might get some attention. Well, we shall see.

## First the Good News

And now, before abandoning goose for swan, a few words about the situation of research in this province. There is good news and bad news. The good news is that due to the enlightened actions of the Lougheed Government (that I have several times had occasion to praise at past convocations), the University of Alberta was able to build up over the years an impressive research infrastructure that has begun to attract and spawn many new high technology companies to and in Alberta: Chembiomed, LSI Logic Canada, Taiho Alberta, Biomira, are some recent examples. It is also good news that as recently as last

November (1986) Mr. Getty showed that he understood how important R&D were to the future of Alberta. He said in Calgary to the visiting delegation of Japanese bankers and businessmen, sent by their government every five years or so to explore possibilities of Japanese investment in Canada, that—(here I paraphrase his words but render his meaning exactly)—*it is precisely when the economy is in difficulty, as at present, that we must invest more heavily in research*. Mr. Getty had it right.

And now for the bad news. Despite Mr. Getty's brave words, which greatly impressed the Japanese delegation, the government seems so far to be doing just the opposite. The universities' budget was severely cut, thus restricting their ability to maintain the research infrastructure to which I have referred, the research budget of government departments was reduced, in some cases drastically, and the new government Department of Technology, Research and Telecommunications, for which we had and have bright hopes, seems to be treading water, just at a time when bold action is essential.

Let me illustrate for you how Alberta is becoming increasingly dependent on research and on the new technologies that emerge from

research. Our economy has depended to a very large extent on the export of oil and gas and of agricultural crops with very little value added. However, the revenues received by our farmers have nosedived because of a world surplus of food. This situation is chronic and not due to temporary fluctuations in supply. Countries like India and China that were importers of grain have become net exporters. The Soviet Union, now that it has a pragmatic leader who seems to be no longer a prisoner of archaic ideology, will no doubt also become a net exporter. The same thing has been happening in Indonesia and Bangladesh. All of these countries are profiting from the application of new agricultural technology to food production: new strains, new crops, new herbicides and pesticides and so on.

*Conclusion:* We in Canada shall have to stay abreast of the latest technology in order for our agriculture and agribusiness to survive, especially given our climate and short growing season. It is for this reason that our Faculty of Agriculture and Forestry has moved to establish a Chair in Plant Biotechnology, the discipline on which our future in crop production depends. We should have every reason to expect the support and

*continued on page 4*

---

## Exceptional CIDA Funding for Medicine's Cameroon Project

Although the Canadian International Development Agency (CIDA) doesn't usually fund teaching projects, an exception was made recently when \$684,000 was awarded over four years to the Faculty of Medicine's project in Cameroon.

The project—to help improve the over-all health of the people of Cameroon—was set up last year between the Faculty and Le Centre Universitaire des Sciences de la Santé (CUSS) of the University of Yaoundé.

Henry Pabst (Pediatrics), closely involved with the project, said the CIDA grant will "finance U of A Faculty of Medicine teachers going to Cameroon for varying periods, to teach, carry out epidemiological studies, study primary health care delivery systems in the country, and make an assessment of primary health care basic needs."

Ron Lett, a surgeon from our Faculty of Medicine, who arrived in Cameroon last August, has been working out a plan for a model medical surgical teaching unit where he and our visiting faculty will demonstrate and teach surgery techniques to CUSS graduates and undergraduates. Nurses, hospital beds and wards, and ancillary staff for the unit will be supplied by CUSS.

"There's been considerable community support in Edmonton for the project," said Dr. Pabst. "Donations from the Muttart Foundation, University of Alberta Hospitals Foundation, Rotary Club and the Holy Spirit Lutheran Congregation amount to about \$60,000. Among other things, this has helped supply vehicles for getting around—travel in Cameroon is largely by car over gravel roads, or by air."□

## Golden Goose

*continued from page 3*

encouragement of the Alberta government in this effort, and this may indeed come, but as yet we're still waiting.

## Big Sisters Pulling Away

In the meantime, our big sister provinces have begun to leave Alberta behind. The Quebec government has recently announced a series of measures that should increase dramatically the quality and amount of R&D done in industries and in the universities of Quebec. The Quebec government has also put \$80 million into the creation of university-based centres of excellence; the government of Ontario has announced that it has allocated \$300 million for exactly the same purpose. Where does this leave Alberta in the economic diversification competition? I am confident that this government will once again start to show the leadership in R&D policy that has characterized it since the mid-seventies and start moving the province in the right direction again. But it had better begin soon.

Enough of the goose; now for a few moments of swan. It is six years since I took up my position at the University of Alberta and began to define the newly created position of Vice-President (Research). It is not for me to say how successful

my efforts, and those of my colleague, Dr. Abu-Laban, have been. It is for me to say, on the other hand, that these years have been the high point of a lengthy and happy University career that has taken me from one end of Canada to the other. The University of Alberta has all the elements of what it takes to become one of the world's major research universities and it has been a thrilling experience to help it on its way to that goal.

One of the most enjoyable aspects of my job has been the contacts I have been afforded with the many outstanding scholars, scientists and engineers in all corners of our University, and, in particular, in fields remote from my own. Working with colleagues in the human sciences (as opposed to the inhuman science which I have cultivated for the past four decades) has been one of the joys of my job—in particular working with members of the three Faculties represented here today. A recent initiative of the Faculty of Arts, the new program of studies in science and technology, is of particular interest to my office. When this idea was launched in a convocation address in June 1985, I pointed out that each major technological innovation had better be carefully scrutinized by competent critics with respect to its potential economic, social, and ethical consequences. It is my hope that those who become involved in this new program, in which the Faculties of Arts, Science, Engineering, Law and Medicine

must participate if it is to be a success, will fulfil this important role of social critic.

En terminant cette allocution, permettez-moi, monsieur le Chancelier, de dire quelques mots aux finissants de la Faculté Saint-Jean. Tôt après mon arrivée à Edmonton, j'ai été invité par le doyen à l'époque, Mme Gamila Morcos, de visiter l'ancien Collège Saint-Jean; j'ai été à la fois impressionné par le potentiel de cette faculté et par l'imagination dont faisaient preuve ceux qui l'ont faite partie intégrante de l'Université. En effet, cette faculté, bilingue certes, mais où la culture française peut s'épanouir, est un des aspects uniques et insolites de notre institution et dont elle est très fière. Je vous félicite bien chaleureusement d'avoir profité de la chance de faire vos études en français à cette faculté et de les

avoir terminées avec succès.

I also extend my warm congratulations to the graduates of the Faculties of Arts and Home Economics and especially to the families gathered here with us today. We have every reason to be proud of you, our graduates; while you also have reason to be proud of your association with the University of Alberta, you will be prouder still in the future, when the reputation of this University as a centre of scholarship and research spreads even further throughout the world.

Chancellor, my view is that, in a speech, there should be a reciprocal relation between its length and its depth. It is for this reason that my report is brief; I hope that in future it will be looked upon as a milestone en route to attainment of the four-minute convocation address.□

## Theoretical Psychologists Elect Baker, Mos to Key Posts

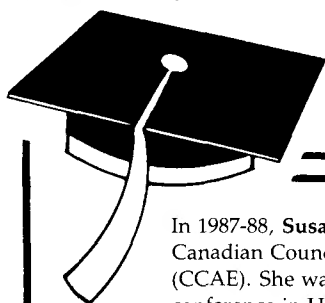
The Second Biannual Conference of the International Society of Theoretical Psychology was held 21 to 25 April at the Banff Centre. Sixty-five psychologists from Canada, the United States, England, Denmark, Holland, West Germany and Poland were registered.

William J. Baker, L.P. Mos, W.W. Rozeboom and William Smythe

(Center for Advanced Study in Theoretical Psychology), W. Hague (Educational Psychology) and H. Garfinkle (Educational Foundations) presented papers at the conference.

Dr. Baker and Dr. Mos were elected president and secretary, respectively, of the Society.

The next conference is scheduled to be held in Amsterdam in 1989.□



## Activities

In 1987-88, **Susan Peirce** (Alumni Affairs) will head the Canadian Council for Advancement of Education (CCAEE). She was named to the post at CCAEE's annual conference in Hull, 14 to 17 June . . . **Rudy Wiebe** (English) was awarded the Lorne Pierce Medal by the Royal Society of Canada at the Society's annual meeting in Hamilton . . . First year Arts student **Joe Freedman** is on the Canadian gymnastics team which will compete at the Pan Am Maccabiah Games in Venezuela later this month . . . Golden Bear Gymnastics coach **Francis Talley** and Athletic Therapist **Jette Chisholm** are joining the Canadian team heading to Zagreb, Yugoslavia, for the 1987 World University Games . . . **Dan Syrotuik** (Athletics) has been commissioned by "Football Canada" to write and produce a 20-minute educational video on steroids . . . **Michael Nosko** (Surgery) received the 1986 Academy Award from the American Academy of Neurological Surgery for his paper "The Effect of Clot Removal at 24 Hours on Chronic Vasospasm After Subarachnoid Hemorrhage in the Primate Model." His colleague, **Lew Disney**, received the Residents' Award of the 1987 Congress of Neurological Surgeons for the paper "Results of a Multi-Centre Double Blind Placebo Controlled Trial of Nimodipine in Poor Grade Aneurysm Patients." More than 250 abstracts were entered.

## Writing Competence Petitions: Notice to Students

This notice is intended for students who have not met the University's writing competence requirement and whose deadline for meeting that requirement occurs on 1 September 1987. Students who do not pass the writing competence test by that date will have their registrations cancelled before the start of classes unless granted an extension by the GFC Writing Competence Petitions Committee (WCPC).

**If your deadline is 1 September** and you plan to register in the Fall term or in a subsequent session, you may petition the WCPC in July provided that you are currently registered and have written the writing competence test at least once.

In preparing their writing competence petitions students are urged to seek the advice of the **Student Ombudsmen**, 278 Students' Union Building (432-4689). The **Student Adviser's Office** (300 Athabasca Hall) is offering information seminars on preparing petitions; call 432-4145 for dates and times or for an information pamphlet.



# Science's Gold Medal Students Face Incandescent Future

Each year, the Faculty of Science awards three gold medals to outstanding graduating students at Spring Convocation.

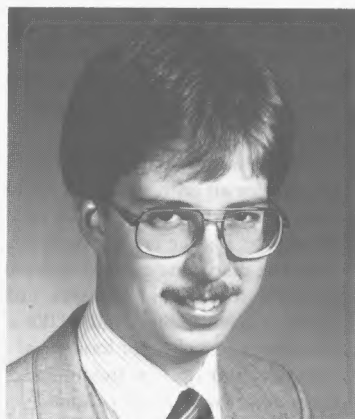
The Lieutenant-Governor's Gold Medal in Science was awarded to Daniel Kalantar as the graduating student from an Honors program who displayed the highest distinction in scholarship for the Class of 1987. He completed a four-year program in Honors Mathematics/Physics and graduated with First Class Honors.

During his undergraduate career, Kalantar received 11 scholarships and prizes. He has been awarded the Sir James Loughheed Award of Distinction as well as an NSERC post-graduate scholarship.

Kalantar, faced with the decision of attending graduate school at Cornell University with a Sage Fellowship in Physics, the University of Toronto with a Connaught Scholarship in Mathematics, or MIT with a research assistantship, has opted for Cornell.

The Gold Medal in Science was awarded to Bonita Lee as the graduating student from a Specialization program who has shown the highest distinction in scholarship for the Class of 1987.

In 1985, Lee was an Alberta Heritage Foundation Summer Student in the Department of Genetics. Her academic career, says G.A. Moss, Associate Dean of Science, is remarkable not only for its high level of achievement but also for



Daniel Kalantar

its scientific breadth. While she is determined to adopt a career in biomedical research, she admits that her first academic love is the physical sciences. This year, she was awarded a book prize in Physical Chemistry by the Chemistry Department.

Lee has received an Alberta Heritage Foundation for Medical Research (AHFMR) graduate studentship. She will enter the graduate program of the Department of Medical Microbiology later this year.

The Dean's Gold Medal in Science was awarded to Arkadiusz Jaroni as the graduating student from the General program who has shown the highest distinction in scholarship for the Class of 1987.

Jaroni was awarded a Robert Tegler Undergraduate bursary in the



Bonita Lee

fall of 1986 and an AHFMR summer studentship this spring. (Medical Research summer studentships are awarded annually to assist young scholars in the pursuit of a research career.)



Arkadiusz Jaroni

Jaroni, who will be working in the Department of Biochemistry during the summer, plans to enter the Faculty of Medicine at the University of Alberta this fall. □

## Theoretical Physicists to Meet

The Summer Institute in Theoretical Physics will be held on campus (Avadh Bhatia Physics Laboratory) from 10 to 24 July.

The Canadian Association of Physicists and the Natural Sciences

and Engineering Research Council have organized the institute.

Detailed information on the program may be obtained by telephoning 432-5507. □

## Sessions on Peace Education Scheduled

"International Peace Education", an International Institute for Peace Education mini-institute designed to bring together Alberta teachers interested in peace education, will be held on campus from 16 to 18 July, with speakers and workshop leaders who have been active in peace education initiatives in the Asia-Pacific region.

Morning lectures, followed by afternoon workshops, make up the program.

● Thursday, 16 July. "Peace Education Within and Across Cultures" with Toh Swee Hin, University of New England, Australia.

● Friday, 17 July. "People Power and Peace Education in the Philippines" with Virginia Floresca-Cawagas, Executive Director of the Catholic Education Association in the Philippines.

● Saturday, 18 July. "Internationalizing Canadian Peace Education." A panel discussion with

Betty Reardon, Director of the Peacemaking in Education Program, Columbia University, New York, Dr. Swee Hin, and Terry Carson, Coordinator of the International Institute for Peace Education, University of Alberta.

The Peace Education Project (PEP), organized out of the Department of Secondary Education at our University, is coordinating the event.

PEP is a resource centre of curricula and literature on peace education issues, including human rights, environmental issues, nuclear awareness and conflict resolution.

Late registrations for the institute will still be accepted after the original 1 July deadline (because of the postal strike). Participation fee is \$25. To register, contact Seanna at 432-5504, or write her: Peace Education Project, Department of Secondary Education, Faculty of Education, 231A Education South, University of Alberta, T6G 2G5. □



## Nobody Does it Better

Dean F.D. Otto, on behalf of the Faculty of Engineering, presented awards in recognition of excellence in undergraduate teaching at the 15 May Engineering Council meeting. Recipients were: J.J. Leonard (Agricultural Engineering), S.L. Shah (Chemical Engineering), R. Gerard (Civil Engineering), A.M. Robinson (Computer Engineering), F.E. Vermeulen (Electrical Engineering), J.D. Dale (Mechanical Engineering) and M.L. Wayman (Mining, Metallurgical and Petroleum Engineering). Pictured are (left to right): Dean Otto and Professors Gerard, Robinson, Dale, Shah and Vermeulen.

## Don't Forget to Buckle Up

Vehicle Pool would like to remind the University community that Bill 209, *The Seat Belt Act*, is now in effect. The following subsections are at the centre of the Act.

● No person shall operate a vehicle on a highway unless every person in the vehicle occupying a seat

equipped with a seat belt is properly secured by the complete seat belt.

● No person shall be a passenger in a seat equipped with a seat belt in a vehicle being operated on a highway unless he is properly secured by the complete seat belt. □

---

## Anthropologist Stalks Scientific Heresy

Pamela Asquith started out watching how lions behave, but turned to stalking a scientific heresy. It's called anthropomorphism: the projection of purposeful behavior onto animals.

"It seemed a big problem for Western zoologists," says the Professor of Anthropology, currently researching at Oxford. She noticed—particularly in primate behavior studies—that "people were constantly apologizing for this terminology, putting their terms in quotation marks."

But Japanese primate studies showed startling differences, with

far more anthropomorphic terms and far less concern about using them. Japanese researchers even talked about individual monkey personalities, and how these affected their social group.

Asquith started to wonder if she was dealing with a different way of looking at the natural world.

The chance discovery of a few paragraphs in a Japanese text on primate behavior confirmed her hunch. The writer, a former director of Kyoto University's Primate Research Institute, described his team's sympathetic

feelings for the animals they were studying. "This was part of their methodology. There was indeed a different attitude affecting their science," says Asquith.

Primatology is a good hunting ground for an anthropologist whose interest lies in the philosophy of science, as it's the one modern scientific discipline created in Japan since the 1868 Meiji importation of Western scientific methods. "It's a wonderful test case for looking at cultural-philosophical-theoretical effects on how science is done," says Asquith, invited in 1981 to study for 18 months in Japan at the invitation of the Japanese government. (In the end, she stayed three years, eventually giving a lecture in Japanese.)

Japanese culture continues to intrigue her. She's now collaborating with a group of scholars who have studied physicists, medical experts and archaeologists in Japan, to see the effects on science of "a different view of the world and the human's place in it."

This difference is most marked in primate studies, she believes. "It's extremely disturbing to a Westerner to feel that these animals are highly intelligent, perhaps with a kind of language ability, able to make strategies about future behavior."

Asquith returns from Oxford later this month.\*□

*\*Reprinted from Q and A, published by the University's Office of Public Affairs.*

---

## Our Graduates Weather the Course

Weather forecasters get their training in a tough post-graduate course that only a few survive, so Edward Lozowski (Meteorology Division, Geography) is proud indeed that seven University of Alberta meteorology graduates recently completed Meteorologist Operational Course (8) with the Atmospheric Environment Service (a department of Environment Canada).

"The very difficult seven-month course started out with about 40 students. At the end, there were only 15 survivors—and seven of them were ours!" said Dr. Lozowski. "What's more, one of them, Peter Schwarzhoff, received

an award for outstanding work. We are very proud of all of them!"

Students in the course learn how to interpret weather conditions, and some of them become the experts from whom your jovial television weather people get their facts.□

---

## Correction

The 18 June issue of *Folio* stated that a video on the University's Telephone Registration System could be borrowed by calling Joyce Nelson at 432-3544. Her number is 432-3644.□

---

## Successful Final PhD Oral Examinations

Name	Department	Final Thesis Title
Eugenio Alvarado	Chemistry	"The Conformational Properties of Maltose, Maltotriose and Amylose"
David R. Cheshire	Chemistry	"Synthetic Methods Based on Radical Cyclization"
Maureen Louise Dow	Linguistics	"The Psychological Reality of Sub-syllabic Units"
Paul H.R. Harrison	Chemistry	"Studies on the Biosynthesis and Mechanism of Action of Polyene Antibiotics"
John Kearns	Elementary Education	"The Impact of Systematic Feedback on Students' Self-Esteem"
Costas George Macrides	Physics	"Seismic Tomography in Oil Sands for Monitoring Thermal Oil Recovery"
Paul Metcalfe	Geology	"Petrogenesis of Quaternary Alkaline Lavas in Wells Gray Provincial Park, B.C., and Constraints on the Petrology of the Subcordilleran Mantle"
Franz Werner Nentwich	Geology	"Stratigraphy and Sedimentology of the Ordovician and Silurian Brodeur Group, Northern Brodeur Peninsula, Baffin Island"
Pemsara C. Senanayake	Chemistry	"Solvent Structure Effects on the Reactivity of Solvated Electrons in Isomeric Butanol/Water Mixtures"
Charlotte Anne Spencer	Genetics	"Molecular Genetics Studies on the Dopa Decarboxylase Gene in <i>Drosophila Melanogaster</i> "
Xi-Shuo Wang	Physics	"A Contribution to the Interpretation of Magnetovariation Fields"

page six, *Folio*, 2 July 1987

---

## Talks

### Pharmacy and Pharmaceutical Sciences

6 July, 10 a.m. Akio Sato, Professor of Environmental Health, Medical University of Yamanashi, Japan, "Pharmacokinetics of Organic Solvent Vapors in Relation to Their Toxicity." 2031 Dentistry-Pharmacy Centre.

### Chemistry

15 July, 11 a.m. Ushio Sankawa, Faculty of Pharmaceutical Sciences, University of Tokyo, "Medicinal Plants Constituents Inhibitory to Prostaglandin and Leukotriene Biosynthesis." E3-25 Chemistry Building.

### Botany, Plant Science and Soil Science

20 July, 9 a.m. G.W. Thomas, Department of Agronomy, University of Kentucky, Lexington, "Beyond Exchangeable Aluminum." 1-06 Agriculture-Forestry Centre.

20 July, 9:45 a.m. C.D. Foy, Plant Stress Laboratory, Plant Physiology Institute, Beltsville, Maryland, "Plant Adaptation to Acid Soil Stress." 1-06 Agriculture-Forestry Centre.

20 July, 11 a.m. R. Little, Zambia Ministry of Agriculture, Mount Makulu, Zambia, "Acid Tolerant Cultivars and Cropping Systems for Acid Soils." 1-06 Agriculture-Forestry Centre.

29 July, 10 a.m. R.J. Wright, Appalachian Soil and Water Conservation Research Laboratory, Beckley, West Virginia, "Aluminum Phytotoxicity Relationships in Soil and Nutrient Solutions." M-149 Biological Sciences Centre.

29 July, 11 a.m. V.C. Baligar, Appalachian Soil and Water Conservation Research Laboratory, Beckley, West Virginia, "Growth and Nutrient Use Efficiency of Crop Plants Under Aluminum Stress." M-149 Biological Sciences Centre.

---

## The Arts

### Exhibitions

#### Ring House Gallery

Until 5 July. "Richard Purdy—Corpus Cristi: Natural Selection—Two Anthrospheres."

12 July to 23 August. "Michael Flomen—Still Life/Draped Stone."

### International Student Centre

For further information on the programs listed below, telephone 432-5950.

3 July, 8 p.m. Film Night - HUB

4 July. Poundmaker Pow Wow - St. Albert.

8 July. Alberta Legislature Tour.

10 July. Film Night - HUB.

12 July. Canoeing at Elk Island Park.

17 July. Film Night - HUB.

19 July. Klondike Days Promenade and Sourdough Raft Race.

20 July. Klondike Days Exposition.

22 July. Bike Ride in the Park.

24 July. Film Night - HUB.

---

## Positions

The University of Alberta is committed to the principle of equal opportunity in employment and encourages applications from all qualified people.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

## Academic

### Administrative Officer, Department of Drama

**Rank and salary:** Administrative Officer with a salary range of \$28,870 to \$43,306, removal allowance, major benefits.  
**Position description:** Reporting to the Chairman, the Administrative Officer is responsible for: budget planning, preparation and control; the fund-raising and marketing necessary for the efficient operation and continued success of the department's programs and activities; the formulation, development and implementation of administrative policy coordination of the administrative support structure; the management of Studio Theatre; registration; timetabling, scheduling; and the management of departmentally controlled spaces.  
**Qualifications:** Considerable administrative experience in professional or university theatre. Knowledge of budget planning and control, marketing and fund development. A degree is desirable, but recognition will be given for professional training and experience. Familiarity with an IBM PC system an asset.

**Starting date:** 1 September 1987.

**Location:** Located in a city with a highly active professional theatre, the University of Alberta is a 29,000-student urban campus. The Department of Drama is one of Canada's oldest and largest, offering degrees in General Arts as well as professional degrees at both the undergraduate and graduate levels. The department is located in the Fine Arts Centre, which includes a three-floor Drama wing.

**Applications:** To include curriculum vitae and names of three current referees.

**Address to:** Carl Hare, Chairman, Department of Drama, University of Alberta, Edmonton, Alberta T6G 2C9.

**Application deadline:** 15 July 1987.

### Sessional Instructor (Part-Time) Department of Entomology

Part-time Sessional Instructor required September 1987 to April 1988 to teach one course in Agricultural Entomology (Entomology 307). Appointment for two terms only (8 months) as replacement for faculty member on study leave. Minimum requirement: PhD candidate in Entomology with some experience teaching agricultural entomology or similar courses. Applications will be received until Friday, 31 July 1987. Minimum salary \$2,149/month.

Please direct applications to: Dr. B.K. Mitchell, Chairman, Department of Entomology, University of Alberta, Edmonton, Alberta T6G 2E3.

## Support Staff

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia

Hall, telephone 432-5201. Due to publication lead time and the fact that positions are filled on an on-going basis, these vacancies cannot be guaranteed beyond 26 June. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

Medical Steno, Department of Medicine, (\$1,522-\$1,945)  
Accounting Assistant (Term to 31 March 1988), Office of the Comptroller, (\$1,945-\$2,510)  
Housing Worker, Housing and Food Services, (\$1,226-\$1,522)  
Technician I (Trust) (Full- or part-time), Psychiatry, (\$1,580-\$2,027) (pro-rated)  
Security Officer I, Campus Security, (\$1,716-\$2,208)  
Surgical Technician II (Trust), Department of Medicine, (\$1,791-\$2,304)  
Administrative Assistant I, Office of the President, (\$1,945-\$2,510)  
Administrative Assistant I, School of Native Studies, (\$1,945-\$2,510)  
Administrative Assistant I, Extension (Public Administration), (\$1,945-\$2,510)  
Technologist I/III (Trust), Pediatrics, (\$1,945-\$2,992)  
Nurse (Part-time, Term, Trust), Pediatrics, (\$1,015-\$1,312)  
Nurse (Part- or full-time), University Health Service, (\$2,027-\$2,624) (pro-rated for part-time)  
Technologist II (Trust), Pathology, (\$2,115-\$2,741)  
Dental Technician III, Restorative Dentistry, (\$2,208-\$2,861)  
Programmer Analyst II (Term), Office of Administrative Systems (\$2,304-\$2,992)  
Dental Technician IV, Stomatology, (\$2,510-\$3,271)

For vacant Library positions, telephone 432-3339.

---

## Advertisements

### Accommodations available

**Sale - Revenue-generating, river valley home.** Walking distance University, Legislature, downtown. Many features, including self-contained loft apartment. 425-9817.  
**Rent - Four-bedroom, split-level, fully furnished in Greenfield.** Available August 1987 for approximately a year. Dates negotiable. \$750 per month. 435-2855 or 432-3971 (campus).  
**Sale - Pleasantview.** Updated bungalow in parklike setting. This tidy property includes developed basement, cedar deck, dishwasher, fireplace. To view, call owner agent, (days) 486-1924, (evenings) 437-2571.  
**Rent - Bonnie Doon, very bright, one bedroom, basement, four appliances.** \$275 plus utilities. 1 July. 465-2632.  
**Rent - Ermineskin, furnished bungalow.** Three bedrooms, 1 1/2 baths, double garage. Fifteen minutes University. Available January 1988 or earlier to August 1988. References. \$750/month. 436-9591.  
**Sale - Three-bedroom bungalow, finished basement, two bathrooms on three, treed acres.** Six miles S.E. of Edmonton, near Fultonvale School. \$67,000. Owner will carry. 433-8825.  
**Rent - Beautiful log house, Windsor Park, one to two years.** 8731 Saskatchewan Drive. Three bedrooms, den, screened porch, magnificent view. Phone 433-8201 (res.), 973-3341 (bus.). Asking \$1,400 per month.  
**For rent - Riverdale Hall.** Great for dances, picnics, social events. Call Debbie, 426-6528.

**Sale - Jewel, Parkallen.** Upgraded bungalow. Spacious, modern kitchen. Appealing recreation room. Fresh air fireplace. Double garage. \$88,500. Call Joyce Byrne, 435-6064, 436-5250. Spencer Realtor.  
**Sale - Deluxe condominiums.** Multi-level styling, vaulted ceilings, fireplaces, underground parking. Two- and three-bedroom units available. Asking \$77,900-\$86,900. 11016 86 Ave. Phone Joy E. Murray, NRS Realty Centre, 438-6111.  
**Sale - Large, two-storey, Windsor Park home.** Drive by if interested, call owners for appointment, after 5 July, George and Lorraine Kupfer, 9219 117 St. 433-4697.  
**Sale - By owner.** Gracious, 2,562 sq. ft., 2 1/2-storey home in prestigious Garneau. Double glazed solarium on extra large lot. Information, possible showing. 433-4870.  
**Sale - Half block from Mill Creek ravine.** Two-bedroom, separate heated, studio-garage. \$63,500. 432-5694, 929-6497.  
**Sale - Three-bedroom, cedar house on forty acres with two-storey, double garage, pole barn, sheds.** Eight acres fenced for sheep. Near Polar Park. Barbara Schweger, 432-4999 or 439-2492.  
**Rent - Large, semi-furnished, bi-level home, Aspen Gardens.** Completely finished ground level. Four bedrooms, 2 1/2 baths. \$800 monthly. Available 15 August 1987 to August 1988. 464-1737.  
**Sale - North Windsor Park.** Excellent University location. 1 1/2-storey home with fireplace and hardwood floors. Lovely deep, treed lot. Pat von Borstel, 436-5250. Spencer Real Estate. 437-6540.  
**Sale - Belgravia.** Unique, six-bedroom, split-level on double lot with many mature trees. Double garage, carport, fireplace, sauna. 436-2738 evenings and weekends.  
**Sale - For the discriminating buyer.** A 2,200 sq. ft., tastefully decorated, two-storey home on Marlboro Road. Large rooms, neutral decor. Impressive lot. \$229,000. Maggie Woytkiw, Re/Max Real Estate. 438-1575.  
**Rent - Three-bedroom, completely furnished, executive home.** 1 September to 30 April. Phone 483-6300.  
**Sale - Walk to University.** Large, Belgravia, two-storey. Fireplace, developed basement. Garage. \$159,000. 436-1509.  
**Rent - University area.** Four bedrooms, hardwood floors, 1 1/2 baths, three appliances. \$800, \$600 deposit. Available immediately. 11611 77 Ave. 489-4681, 466-6950.  
**Sale - Lakefront.** Wabamun. Four-bedroom cottage. North shore. Chris Tenove, 433-5664, 436-5250. Spencer Realtor.  
**Sale - Miquelon lakefront lots.** \$6,000. Chris Tenove, 433-5664, 436-5250. Spencer Realtor.  
**Sale - Petrolia.** Immaculate bungalow. Fireplace, nice west yard. Chris Tenove, 433-5664, 436-5260. Spencer Realtor.  
**Sale - Acreage.** One mile off Devon highway. Not in subdivision. Beautifully treed. 1,600' bungalow. Extras. Ask for Chris Tenove, 433-5664, 436-5250. Spencer Realtor.  
**Sale - Glenora/Westmount.** 1 1/2 storeys, hardwood floors. Nice lot. \$71,900. Chris Tenove, 433-5664, 436-5250. Spencer Realtor.  
**Sale - Open house, 1-5 p.m., Sunday, 5 July.** Go south to Ellerslie Road, then west to 181 St. City lots, \$39,750-\$69,500. Come to Motorhome. Chris Tenove, 433-5664, 436-5250. Spencer Realtor.  
**Sale - North Windsor Park.** Excellent

University location. 1 1/2-storey home. Hardwood floors. Beautiful west yard. Chris Tenove, 433-5664, 436-5250. Spencer Realty.  
**Sale - North Glenora.** Five bedrooms, completely remodelled. Quiet crescent location. Only five minutes to University. Offered at \$137,500. For complete information, call Les Phillips. Spencer Realty. 483-7170.  
**Rent - Four-bedroom house.** Large yard, single garage, fireplace. \$700. 10434 27A Ave. 435-4993.  
**Rent - Belgravia.** Two-bedroom bungalow. Fireplace, single garage, four appliances. \$725. 436-9039.  
**Sale - Two storeys, 1,600', four bedrooms, sunken living room, feature fireplace, deck, private yard, 1 1/2 baths, master ensuite, attached garage, five appliances.** University Avenue, asking \$135,000. 483-3463 (bus.), 432-7578 (res.).  
**Rent - Two-three-bedroom, unfurnished house, walking distance to campus.** 432-1488.  
**Sale - By owner.** McKernan. Three bedrooms, two baths, extensive renovations, built-in Jennair, stove and dishwasher, full basement. Double, heated garage. Fifteen minutes walking distance from University. \$99,000. 437-6119.  
**Sale - University area.** Beau Park. Super, three bedrooms, separate dining room. South yard. 1 August possession. Call Pat von Borstel, 437-6540, 436-5250. Spencer Realtor.

### Accommodations wanted

**Rent or sublet - Writer-in-residence, non-smoker, small furnished apartment/house, close to campus, September-April.** L. Gom, Kwantlen College, Box 9030, Surrey, B.C. V3T 5H8.  
**Visiting faculty, family of four plus small dog.** Mid-July to mid-January. 439-2492.  
**Mature student and two sons looking for accommodation, month of July.** Non-smoker, references. Adrianna, Edmonton House, Rm. 605, 424-5555.  
**Responsible couple looking for a house-sitting arrangement.** Non-smokers, no children. Evenings 433-7702.

### Automobiles and others

**Reliable 1979 Olds Cutlass Salon.** 70,000 miles. Very good condition. \$2,200. 437-4815, 432-4435. Must sell.

### Goods for sale

**IBM Correcting Selectric III.** 96-character keyboard, 14" carriage. Cuisinart Food Processor. Realistic AM/FM stereo, 8-track and cassette recorder, and turntable. Sewing machine cabinet. Excellent condition. 481-1979 evenings.  
**It's time for a visit to our new store.** More space, more books, and only a few minutes from campus. The Edmonton Book Store, 8530 109 Street. 433-1781.  
**Eighteen-foot Grumman aluminum canoe with accessories.** 434-6958.  
**Like new, six piece patio set, 48" table, umbrella, two folding chairs, two chaise lounges with padded cushions.** 434-8237.

### Services

**Donnic Word Processing.** Specializing in theses, manuscripts, etc. 8315A 105 St. 432-1419.

Backaches? Stress tension? Special therapy at Back-Basics (supplementary health care reimburses treatment costs). Maria Krieg is a spine specialist, university-trained in Düsseldorf. 11610 75 Avenue. 436-8059.

Residential contractors, design, additions, renovations, new homes. Innovation Plus Developments Limited. 437-6917.

Typing Associates Word Processing. Theses, papers. \$1.35/double-spaced page. Shannon, 462-3825.

Professional typing, \$1.20/page. Phone 435-3398.

City Secretarial Service. Word processing, typing, electronic scanning, FAX service, laser printing, dicta-typing. Thesis special, \$18/hour (min. 75 pages). 432-0138.

Eyewear at 20% discount for University of Alberta staff and family. Courtesy Optical, HUB Mall, 9012 112 St. 433-4048.

House cleaning - Experienced, reliable woman. Campus references available. Phone 450-1352.

Find out your cardiovascular response to cold. Male subjects between the ages of 20-30 and 40-65 needed for four, 20-minute sessions. 438-1640 evenings.

Cambridge Daycare now open. 8414 109 St. Infants to six year olds, full nutrition. Excellent educational programs, qualified staff, open 6:30 a.m.-6 p.m. Drop-in and part-time. Available after-school commencing September 1987. 439-8819.

## L'ALLIANCE FRANÇAISE

### Summer Courses

- I** July 6-August 24 (32 hours)  
Monday-Wednesday: 6-8 p.m. \$116
- II** July 6-August 29 (48 hours)  
Monday-Wednesday & Saturday morning \$164
- III** Immersion 90 hours \$335  
every day 9 a.m.-4 p.m.  
July 6-24 or August 3-21
- IV** Children 3 weeks \$115  
Every day 9 a.m.-12 noon  
July 6-24 or August 3-21

405 8540 - 109 Street  
433-0671

Small Groups  
Flexibility Conviviality

### Summer Writing Competence Workshops

July 7 - 24, 1987 (5 hours a week for 3 weeks)

#### Level I—Basic Essay-writing Skills

Section 1 Wednesday and Friday	9:30 - 12:00	noon
Section 2 Tuesday and Thursday (E.S.L.)	1:00 - 3:30	p.m.
Section 3 Tuesday and Thursday	7:00 - 9:30	p.m.
Section 4 Wednesday and Friday	1:00 - 3:30	p.m.

#### Level II—Writing for Business

Wednesday and Friday	1:00 - 3:30	p.m.
----------------------	-------------	------

Cost: \$60 a workshop

Registration: On or before July 6 at 441 Athabasca Hall  
(8:30 a.m. - 4:30 p.m.)

For further information, phone 432-2682.

### TRAVEL CUTS CANADIAN UNIVERSITIES TRAVEL SERVICE LIMITED

- \* FACULTY AND CORPORATE SERVICES
- \* SABBATICAL TRAVEL
- \* COMPLETE RESERVATION SERVICE FOR AIRLINES, HOTELS, CARS, TOURS
- \* VACATION TRAVEL
- \* 20 CANADIAN OFFICES AND LONDON, UK
- \* SERVING THE UNIVERSITY OF ALBERTA FOR 8 YEARS
- \* CONVENIENT CAMPUS LOCATION

**MAIN FLOOR  
STUDENTS' UNION BUILDING  
UNIVERSITY OF ALBERTA  
432-2756**

SUMMER

### ACCOMMODATION

FOR  
MEN & WOMEN

**\$11 PER DAY\***

**\$49 PER WEEK\***

\*Plus 5% Hotel Tax

In the center of the U of A Campus

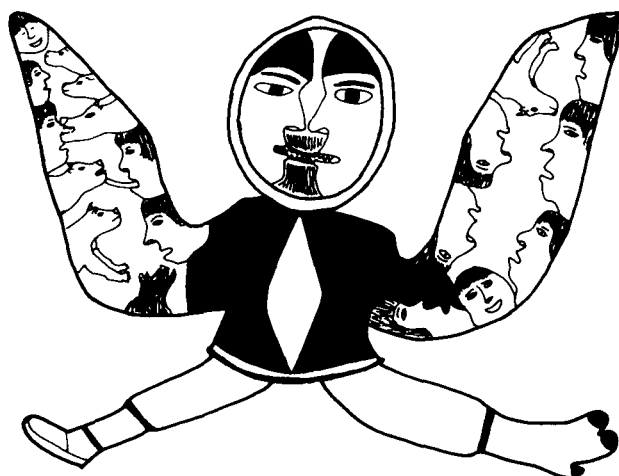
### AT ST. JOSEPH'S COLLEGE

114 St - 69 Ave, Edmonton, Alberta

For information & reservations  
please call Philip Stack  
at 433-4461  
Mon - Fri, 8.00 am to 4.30 pm

The Human Image II

## Myth and Magic in Inuit Art



June 26 to July 5, 1987

Presented by the Friends  
of the University of Alberta  
Museums as part of  
**The Works: A Visual Arts  
Celebration.**

Funding has been  
generously provided by the  
University/Community  
Special Projects Fund.

**Third Floor Galleries  
Manulife Place  
10180 - 101 Street**

Monday to Wednesday  
10:30 am to 6:00 pm  
Thursday & Friday  
10:30 am to 9:00 pm  
Saturday  
10:30 am to 5:30 pm  
Sunday & Canada Day  
12:00 noon to 5:00 pm

University of Alberta Fitness Unit

### Lifestyle and Exercise Awareness Program

Do you want to become more fit or maintain your present fitness level for the summer? If so, why don't you give our LEAP program a try!

The program is available to everyone. The class involves:

1) an educational component covering a variety of fitness and lifestyle related topics. Included in this area is a one-time per week mini lecture from a Registered Dietitian.

2) an exercise component that includes:  
● stretching  
● stationary bicycle riding (great

for weight management and aerobic fitness)  
● strengthening and toning exercises

In addition to your 3 hours per week of classes, you receive:

- 2 fitness appraisals (pre and post)
- nutrition counselling session

Summer classes start: July 13-Sept 4, 1987 (8 weeks)

TIME: 12:00 - 1:00 p.m.

DAYS: Monday, Wednesday, Friday

COST: \$130.00 (summer special)

CALL: 432-4435

### Maintenance

If you are a Supervised Exercise Program graduate, you are eligible to register in our Summer Maintenance Program. Focus is on the exercise part of the class.

Components of the class:

- stretching
- stationary bicycling
- strength/toning exercise

Summer classes start: July 7-August 27, 1987

COST: \$65.00

DAY: Tuesday/Thursdays

TIME: 12:00 - 1:00 p.m.

CALL: 432-4435